

FIG. 1

102050" 91144860

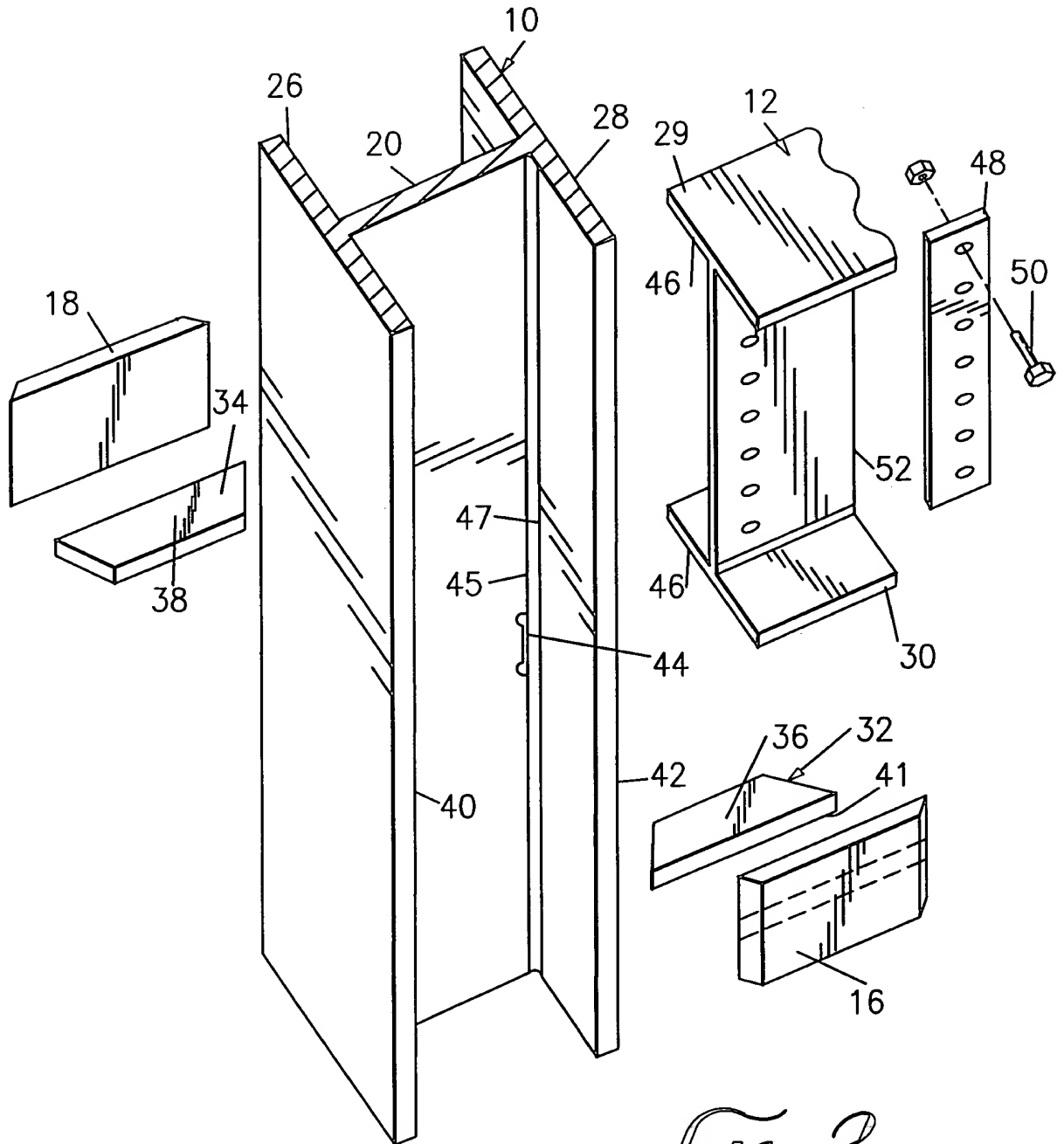


FIG. 2

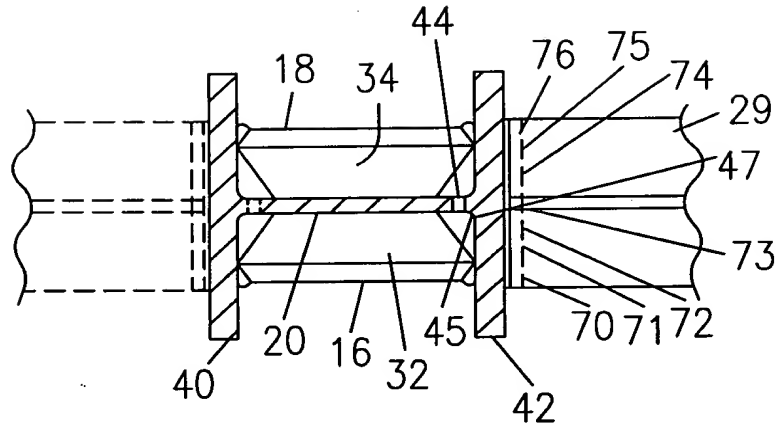
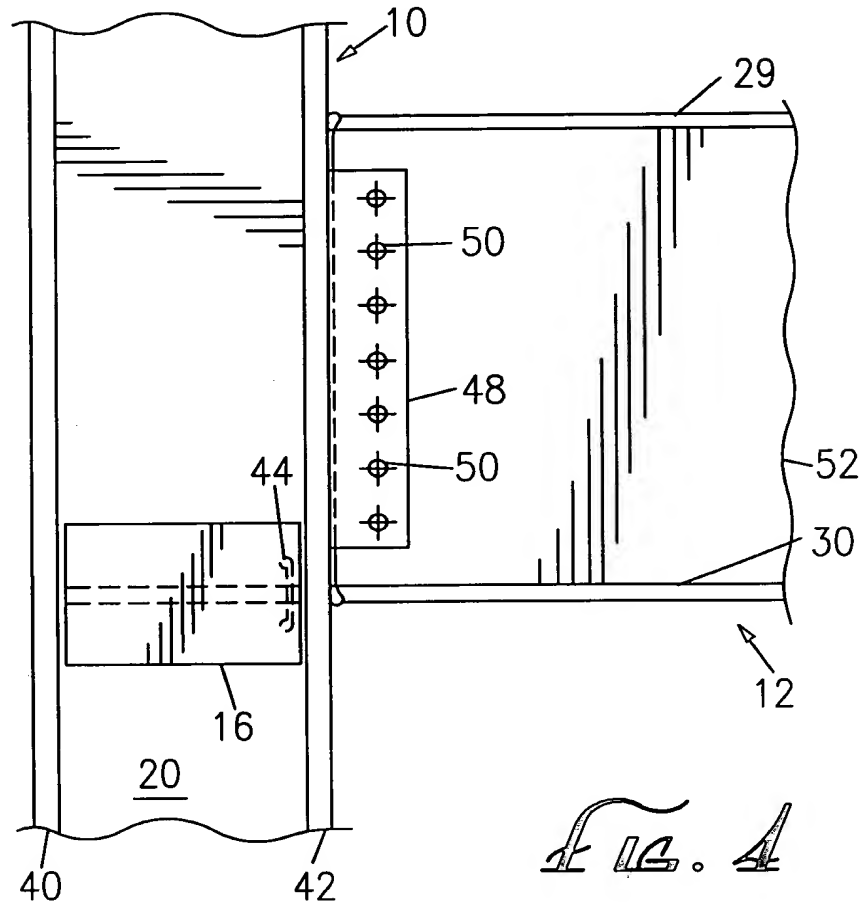


Fig. 3



16. 4

702050" 94424860

SEISMIC SIMULATION 2000 LBS. 9" DROP (9'-6" MOMENT ARM)

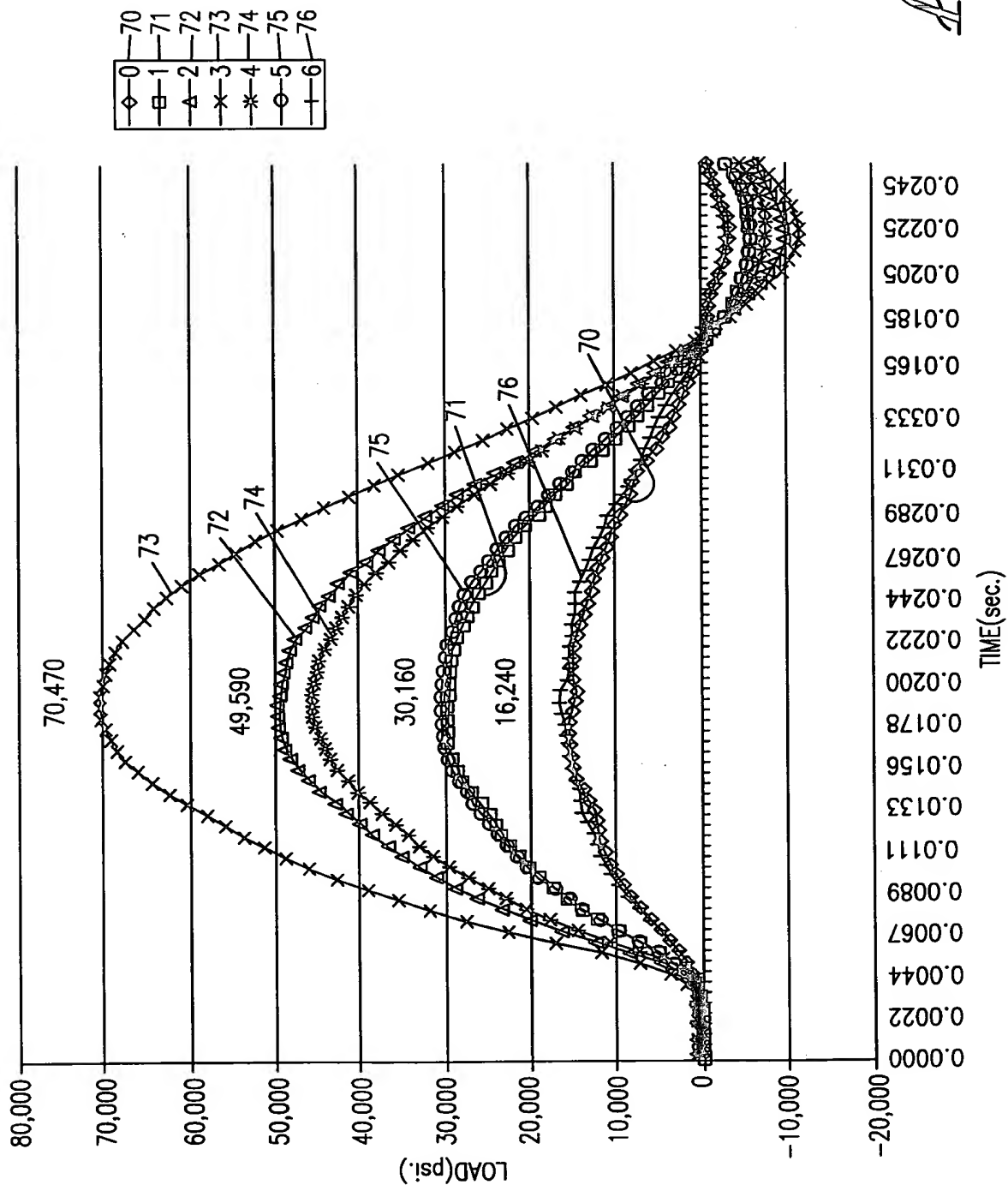
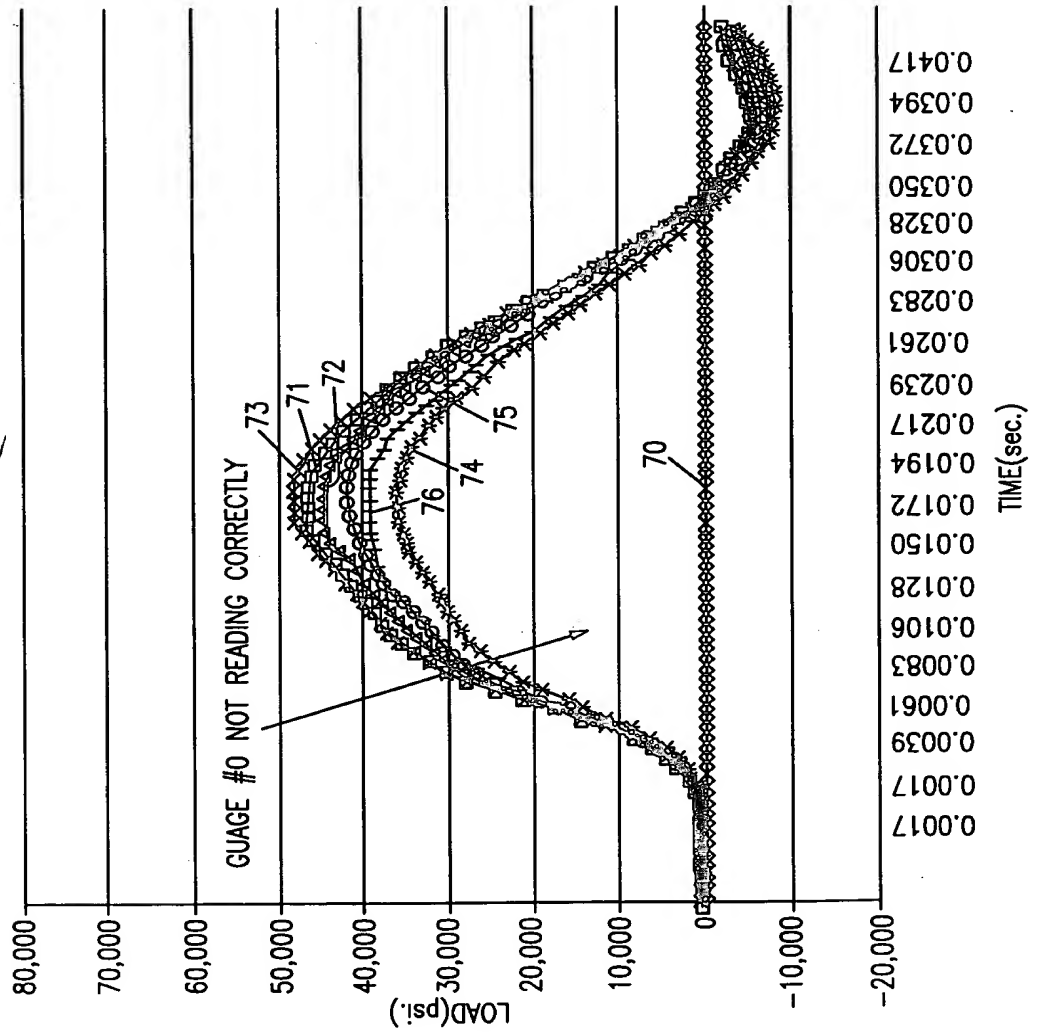


Fig. 5

102050" 94424850

SEISMIC SIMULATION 2000 LBS. 9" DROP (9'-6" MOMENT ARM)
 1" THICK BY 8" HIGH VERT. PLATE WITHIN COL. FLANGE W/TAPERED 1" THICK CONTINUITY
 PLATE. 4-1/2" SLOT CUT IN COL. WEB. NOTE CH 0 NOT READING CORRECTLY. (SET TO
 0 PSI.)



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Fig. 6

FO2050" 94424860

SEISMIC SIMULATION 2000 LBS. 9" DROP (9'-6" MOMENT ARM)

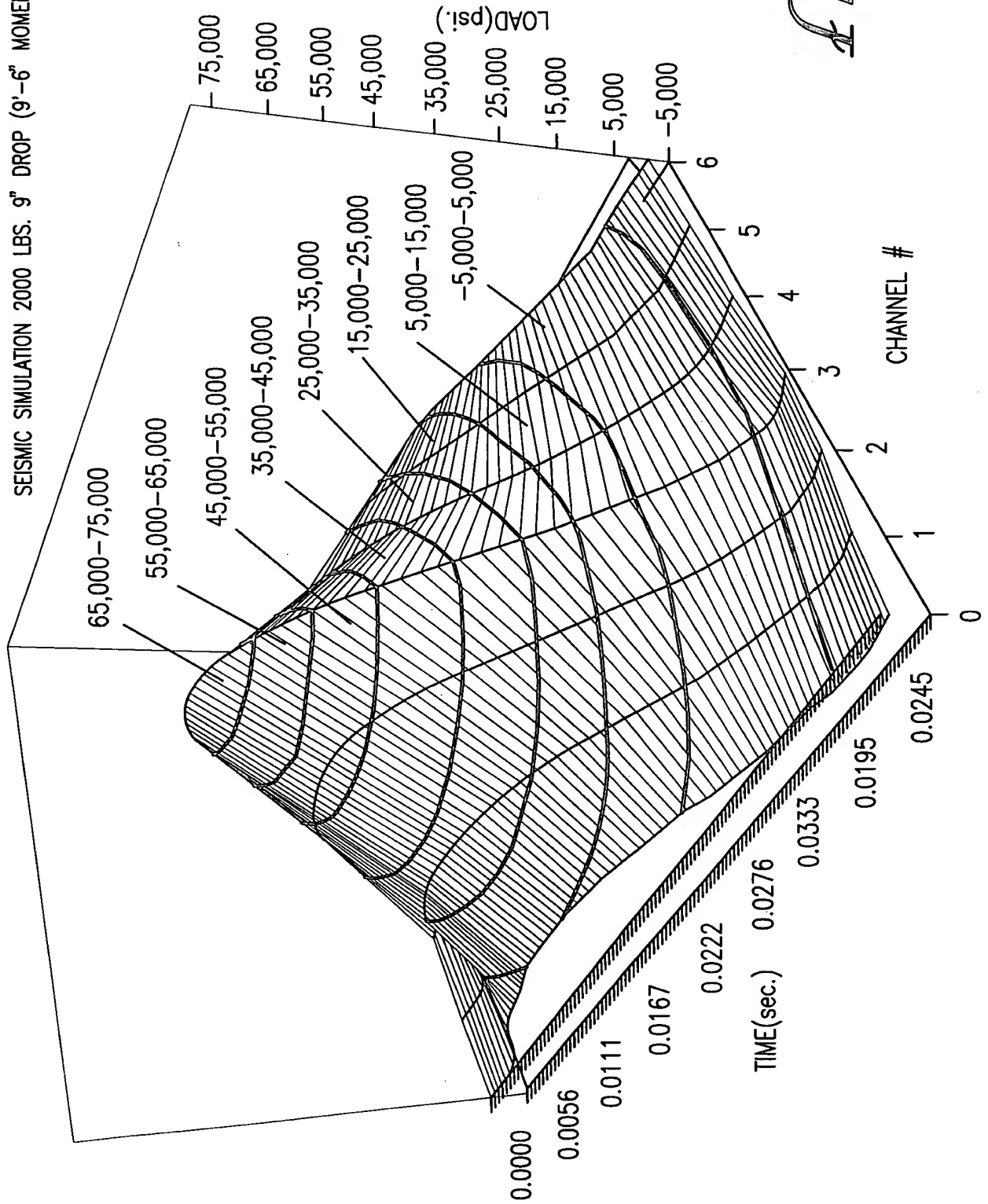


Fig. 7

FD2050" SHH2H860

SEISMIC SIMULATION 2000 LBS. 9" DROP (9'-6" MOMENT ARM)
 1" THICK BY 8" HIGH VERT. PLATE WITHIN COL. FLANGE W/TAPERED 1" THICK CONTINUITY
 PLATE. 4-1/2" SLOT CUT IN COL. WEB. NOTE CH 0 NOT READING CORRECTLY. (SET TO
 0 PSI.)

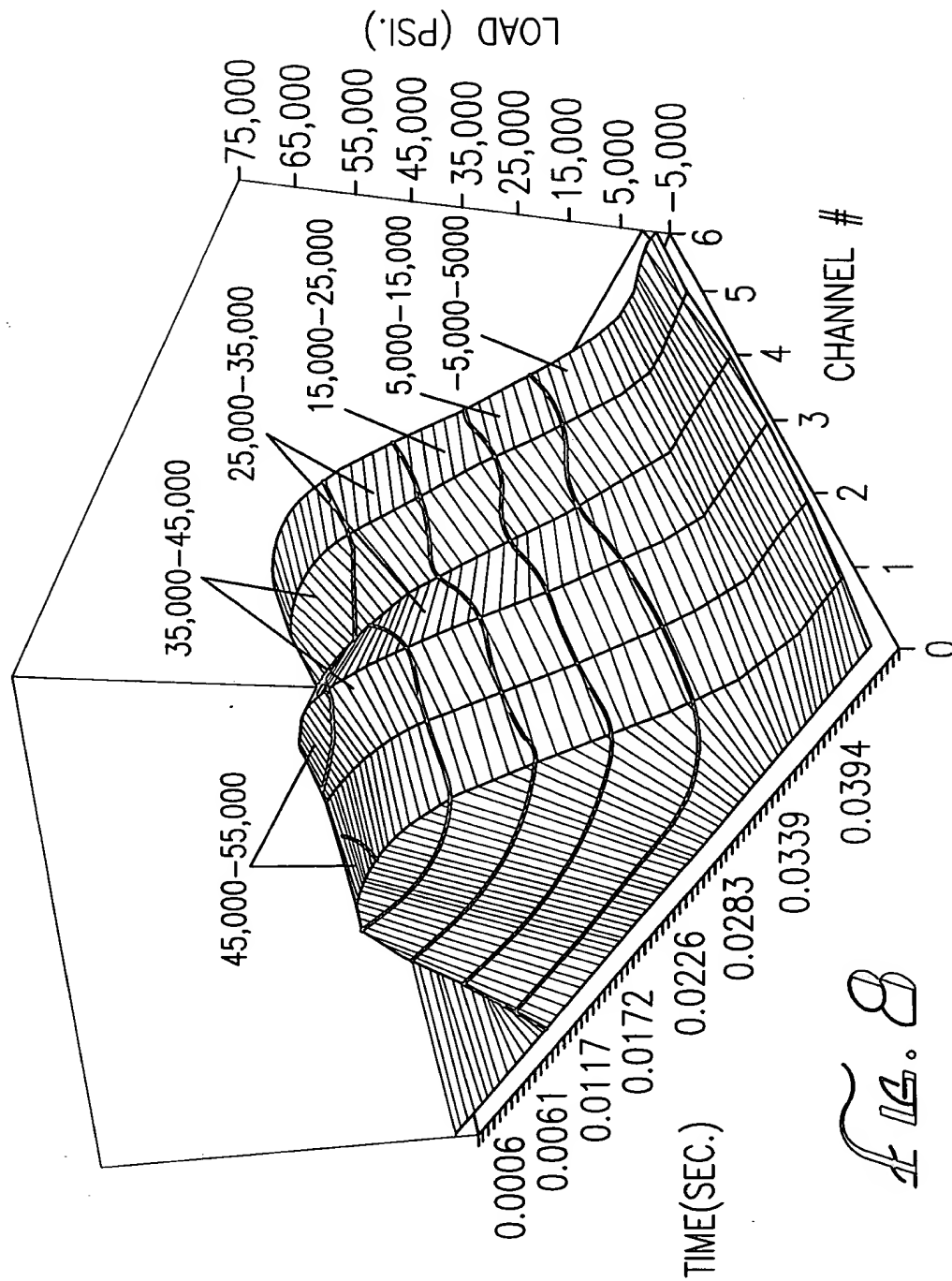


Fig. 8

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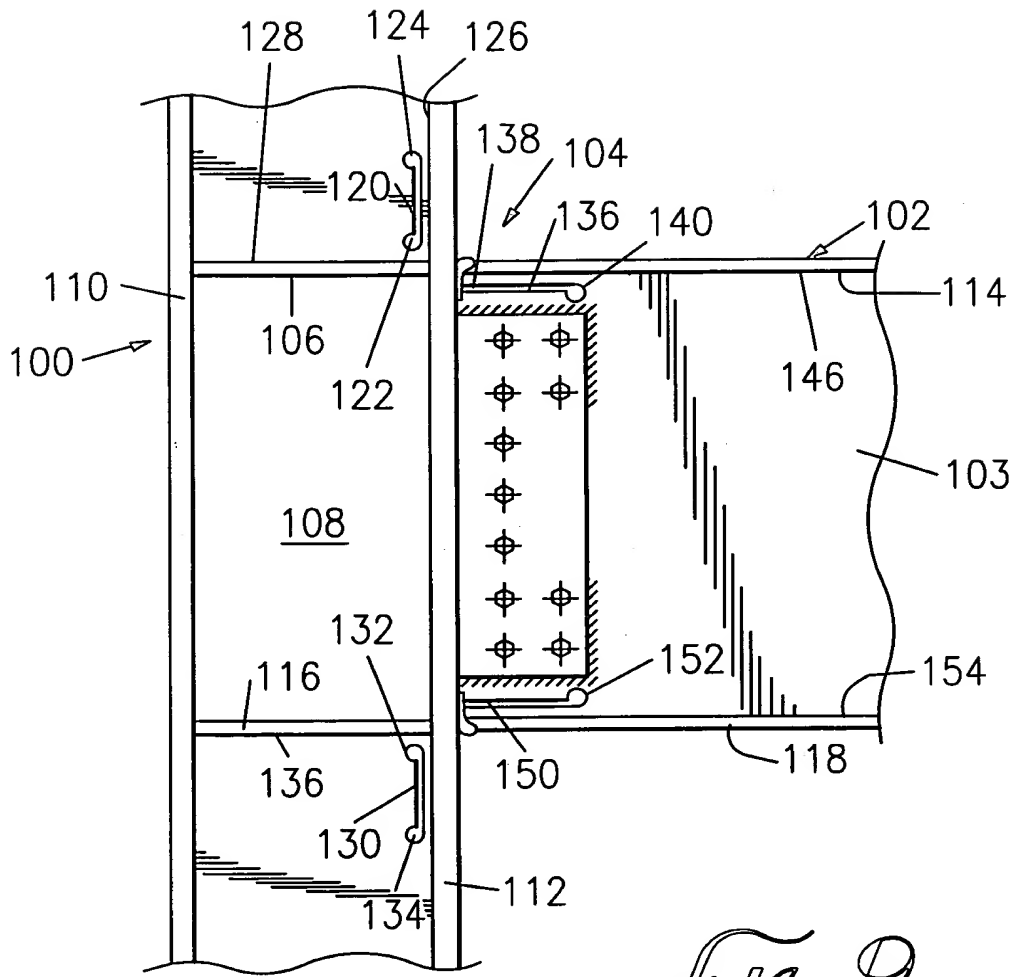


FIG. 9

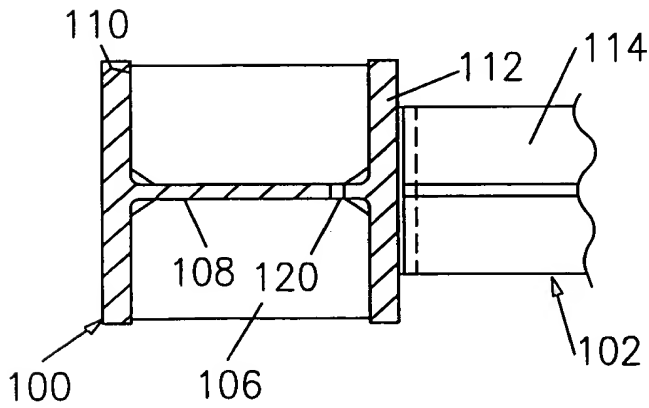


FIG. 10

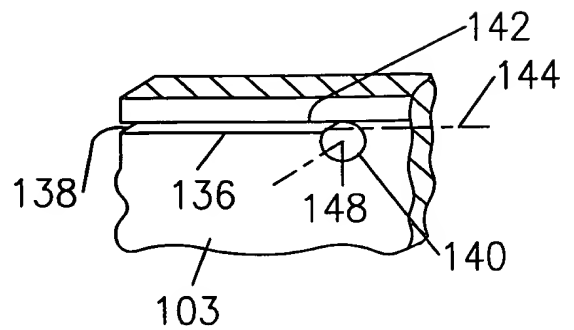


FIG. 11

09847446-05001

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FIG. 12

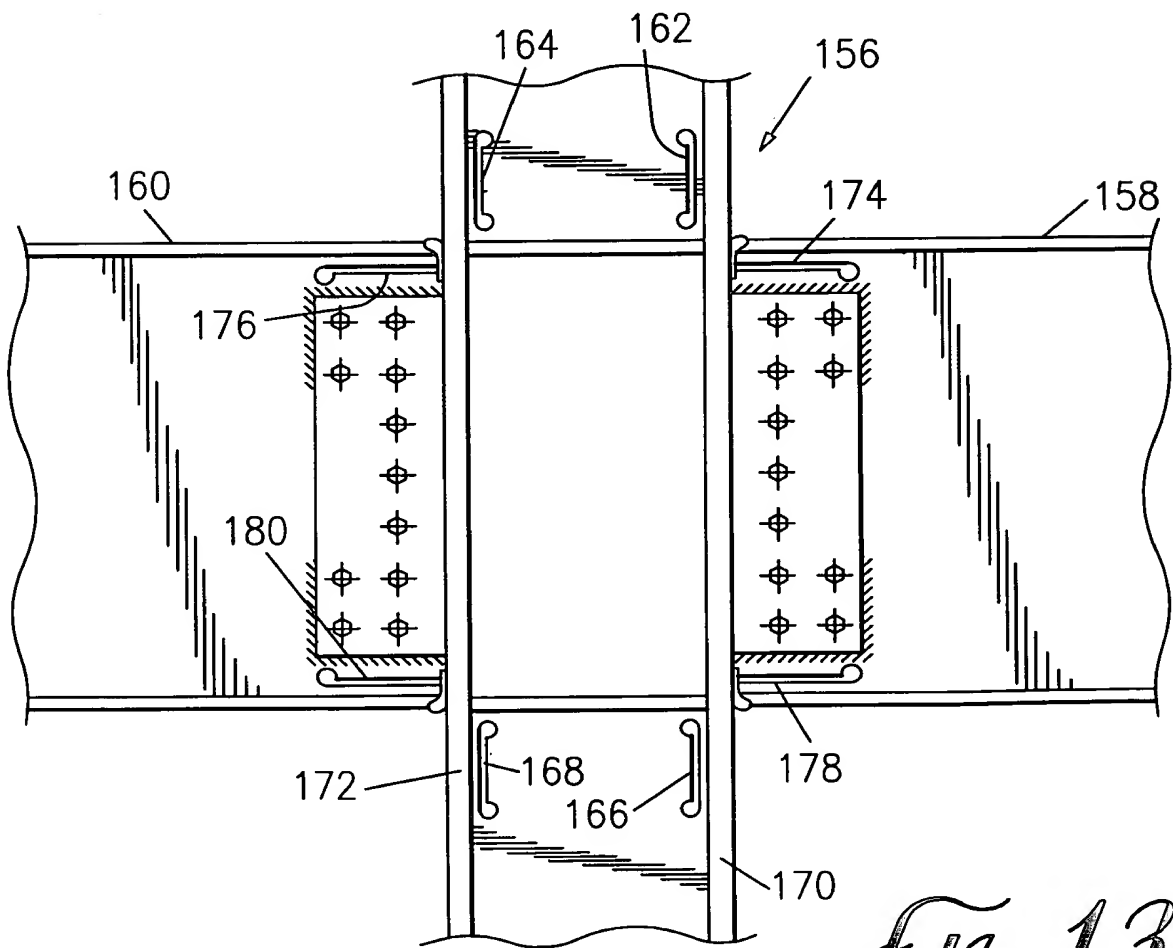
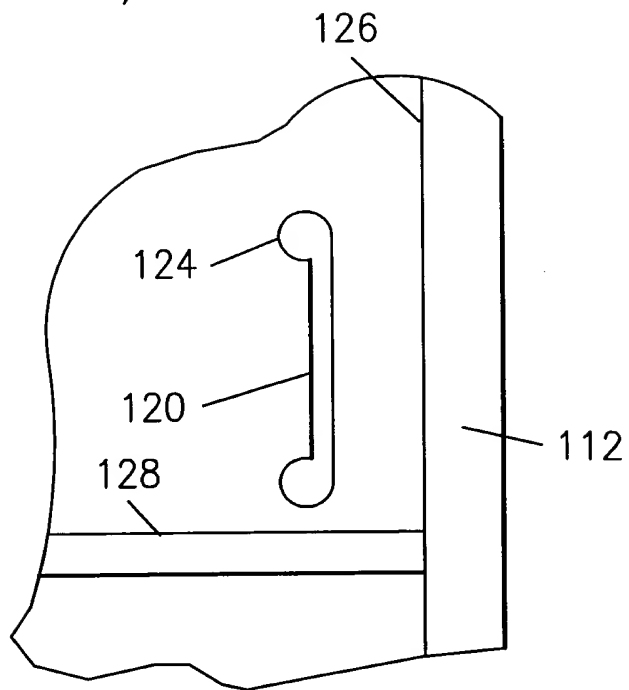
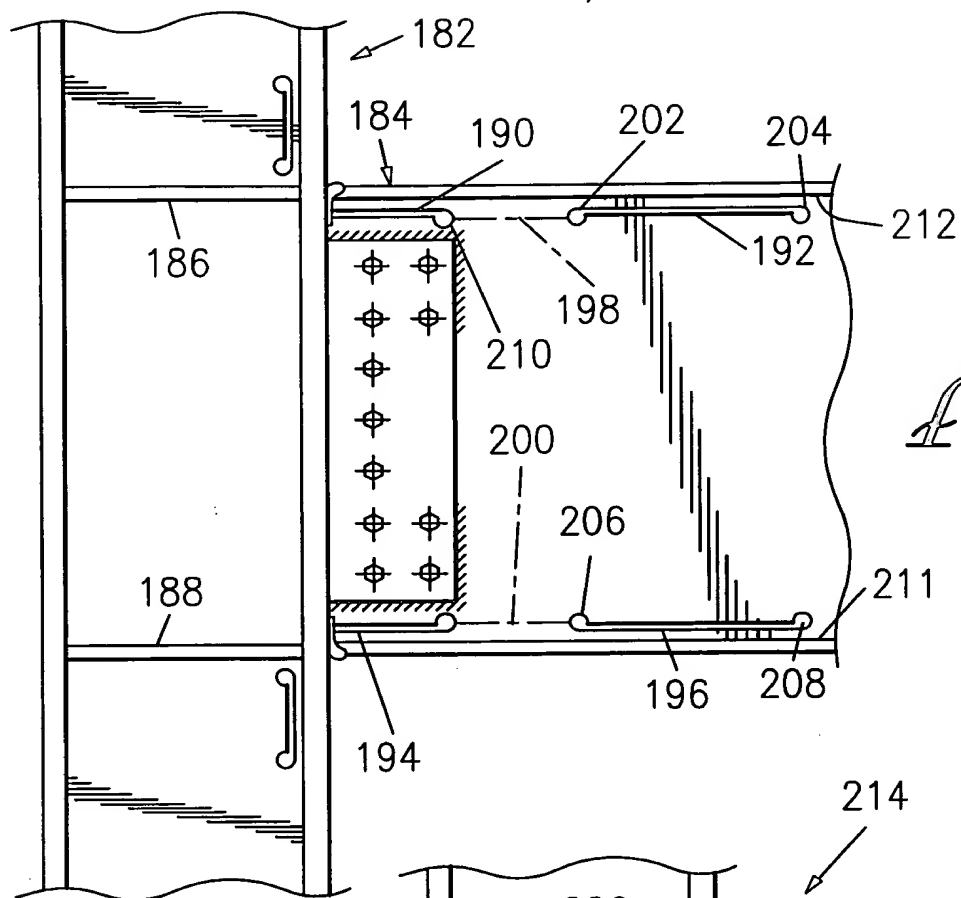
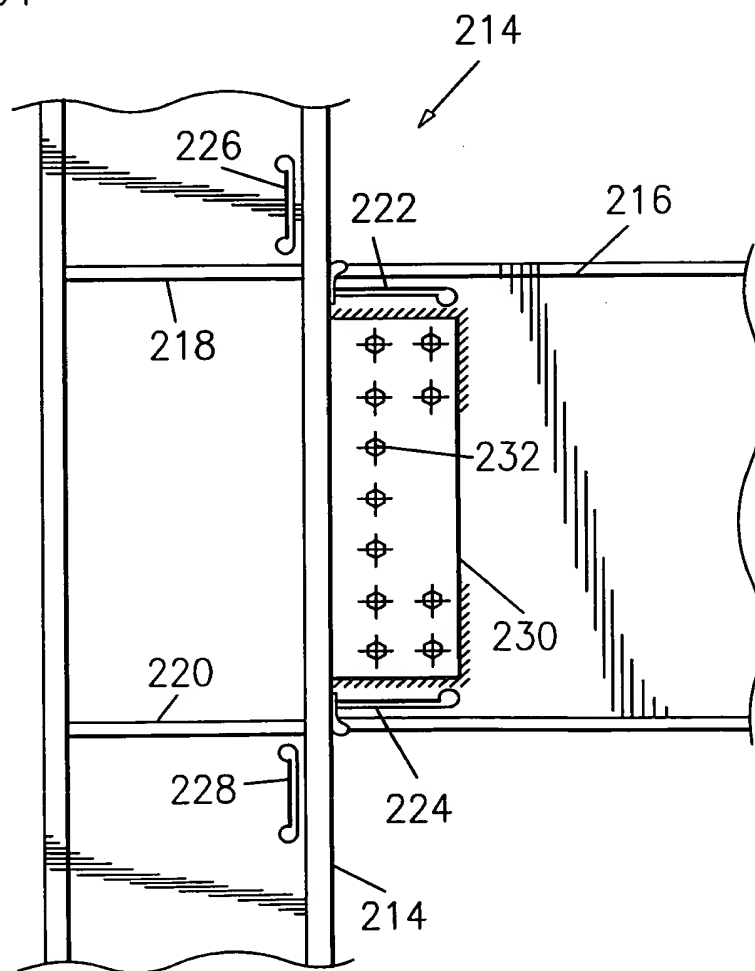


FIG. 13

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16. 14



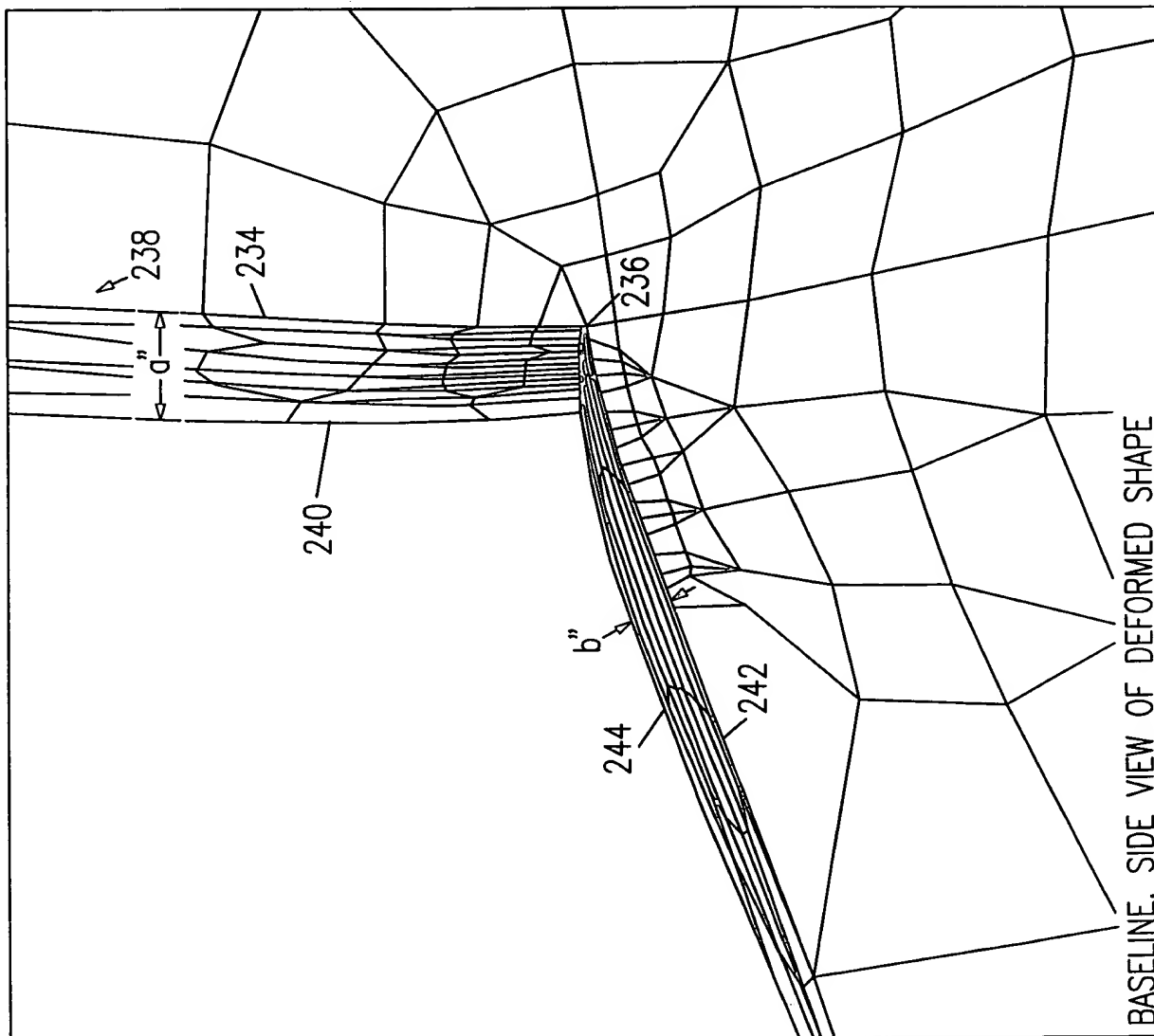
FO2050" 94424860

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Fig. 10

ANSYS 5.1 34
JULY 31, 1995
09:53:34
DISPLACEMENT
STEP=1
SUB=1
TIME=1
RSYS=0
DMX=1.114
SEPC=26.872

*DSCA=50
XV=1
*DIST=4.153
*XF=-3.943
*YF=12.822
*ZF=4.91
CENTROID HIDDEN



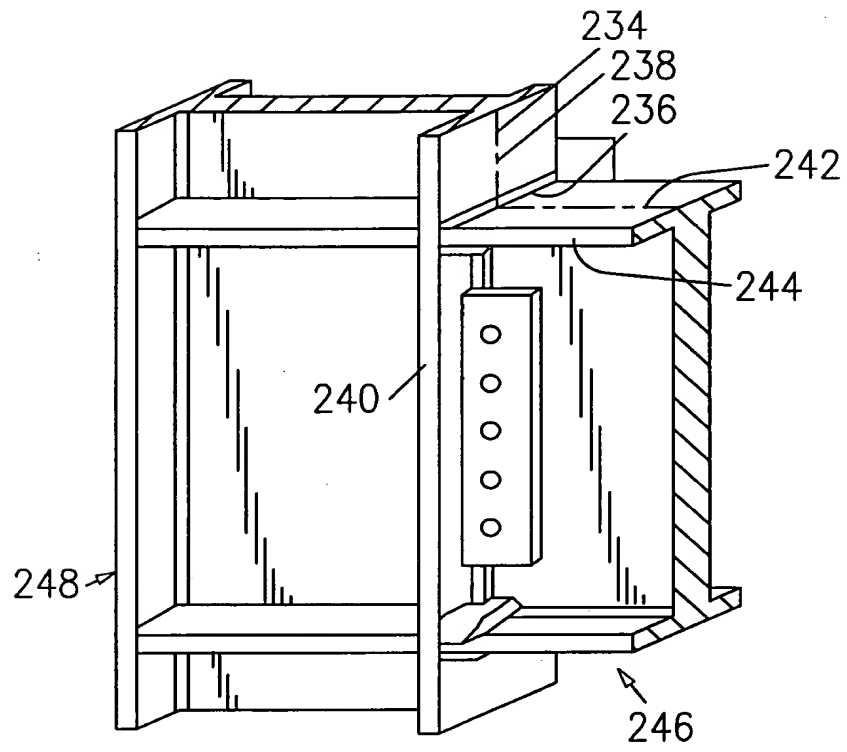


FIG. 17

FIG. 18

ANSYS 5.1 34
JUL 31, 1995
12:13:23
DISPLACEMENT
STEP=1
SUB=1
TIME=1
RSYS=0
DMX=1.052
SEPC=25.25
*DSCA=50
XV=1
*DIST=6.487
*XF=-3.912
*YF=13.41
*ZF=6.221
CENTROID HIDDEN



1916.

```
*DSCA=50
  XV=1
  *DIST=6.361
  *XF=-3.912
  *YF=14.574
  *ZF=5.901
  CENTROID HIDDEN
  EDGE
```



102050" 94424860

ANSYS 5.1 34
AUG 21, 1995
13:11:27

NODAL SOLUTION

STEP=1

SUB=37

TIME=3.445

UX

TOP

RSYS=0

DMX=3.544

SMN=-0.153612

SMX=2.209

-0.153612

0.108884

0.37138

0.633876

0.896371

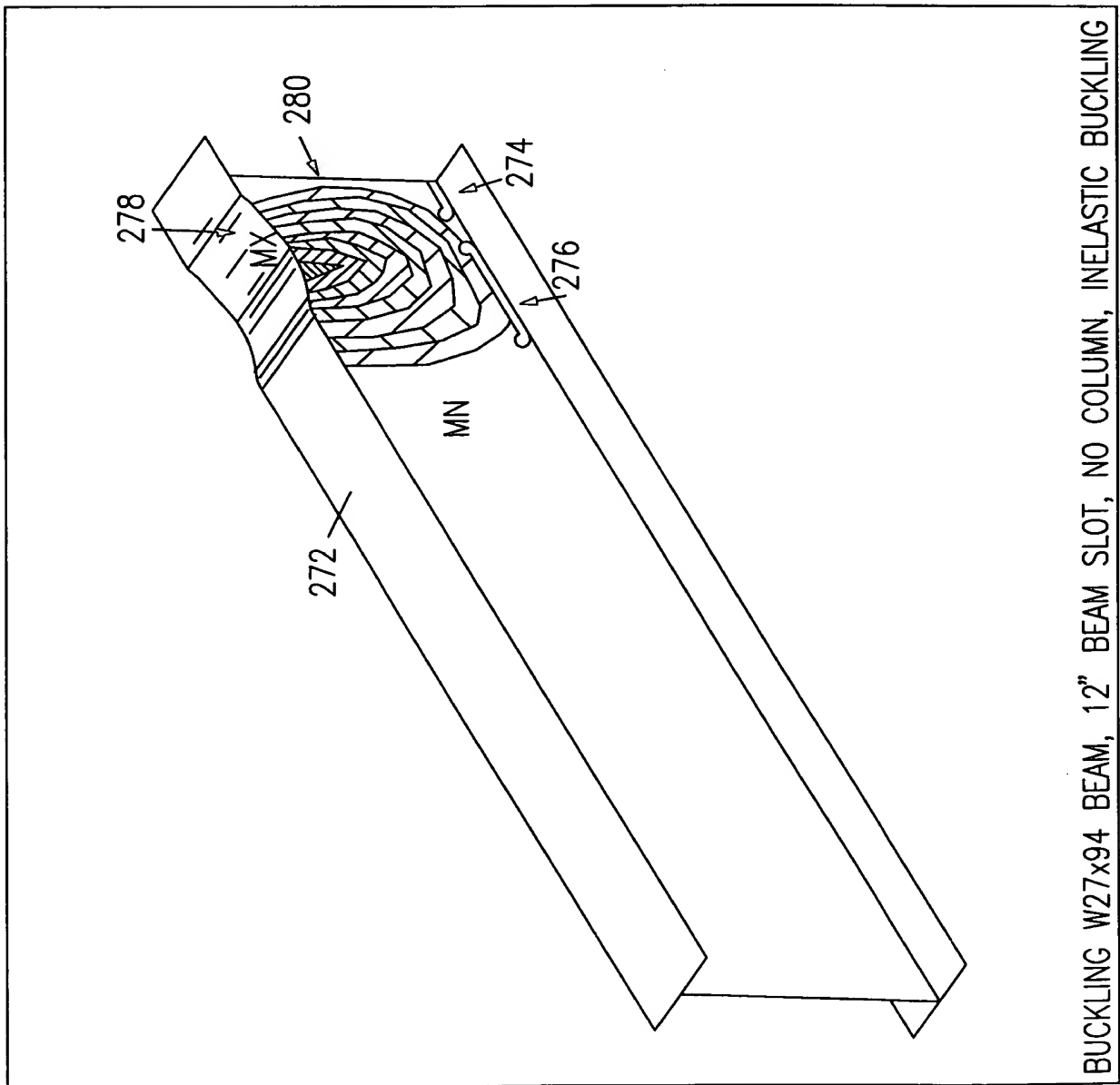
1.159

1.421

1.684

1.946

2.209



12.20

702050* 94424850

DRAFT
ATC-24 S.E. 'BMSLT1A' AUGUST 22, 1995

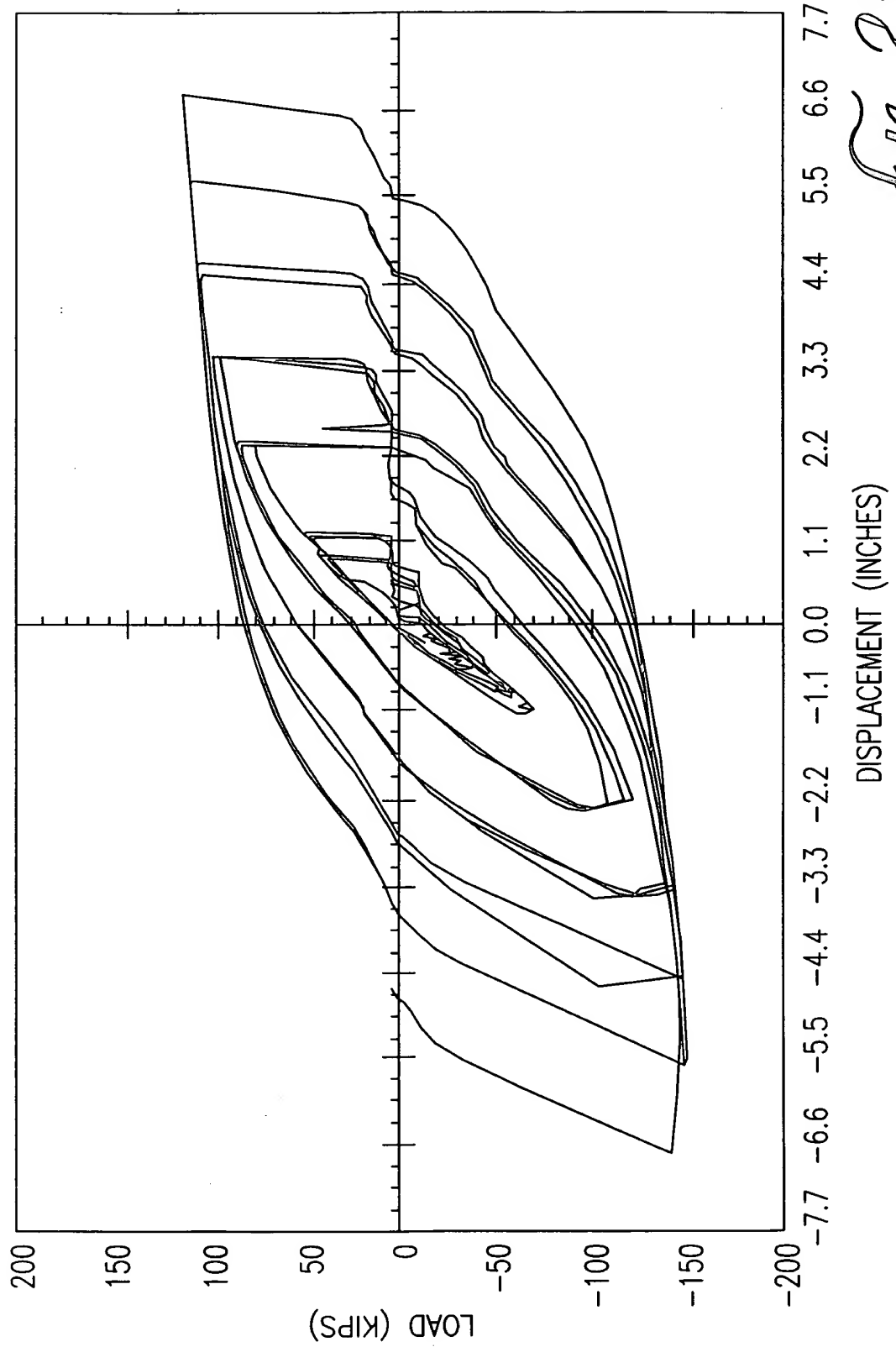


Fig. 21

Fig. 22

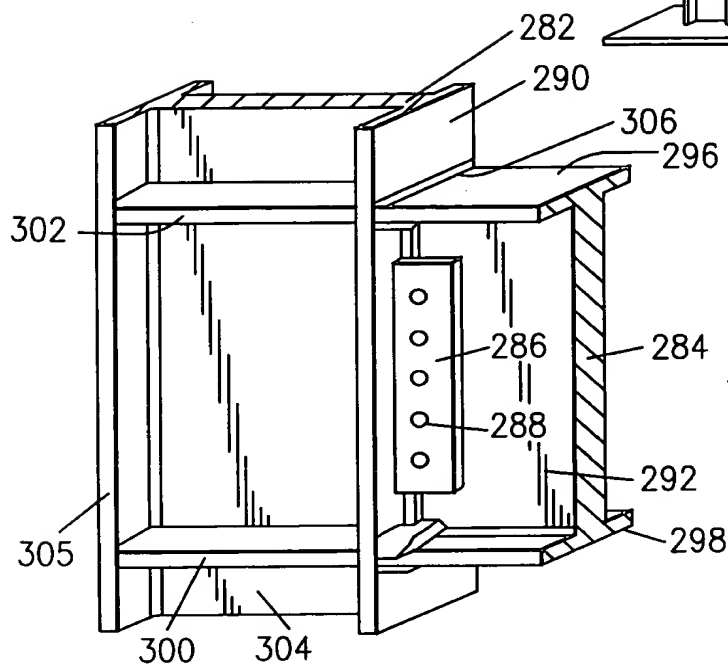
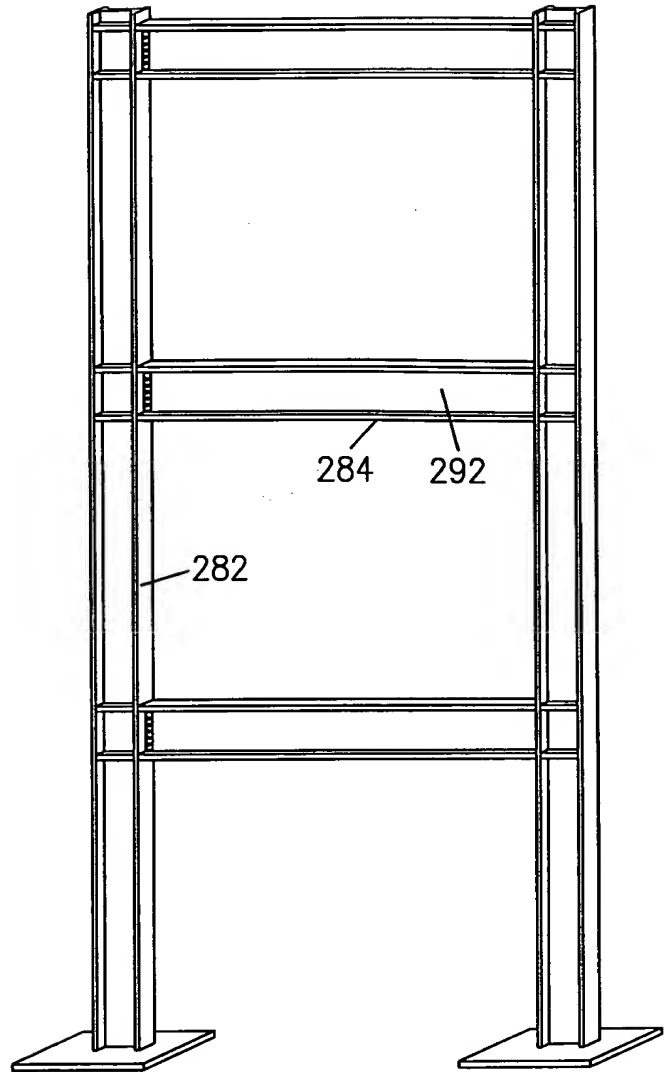
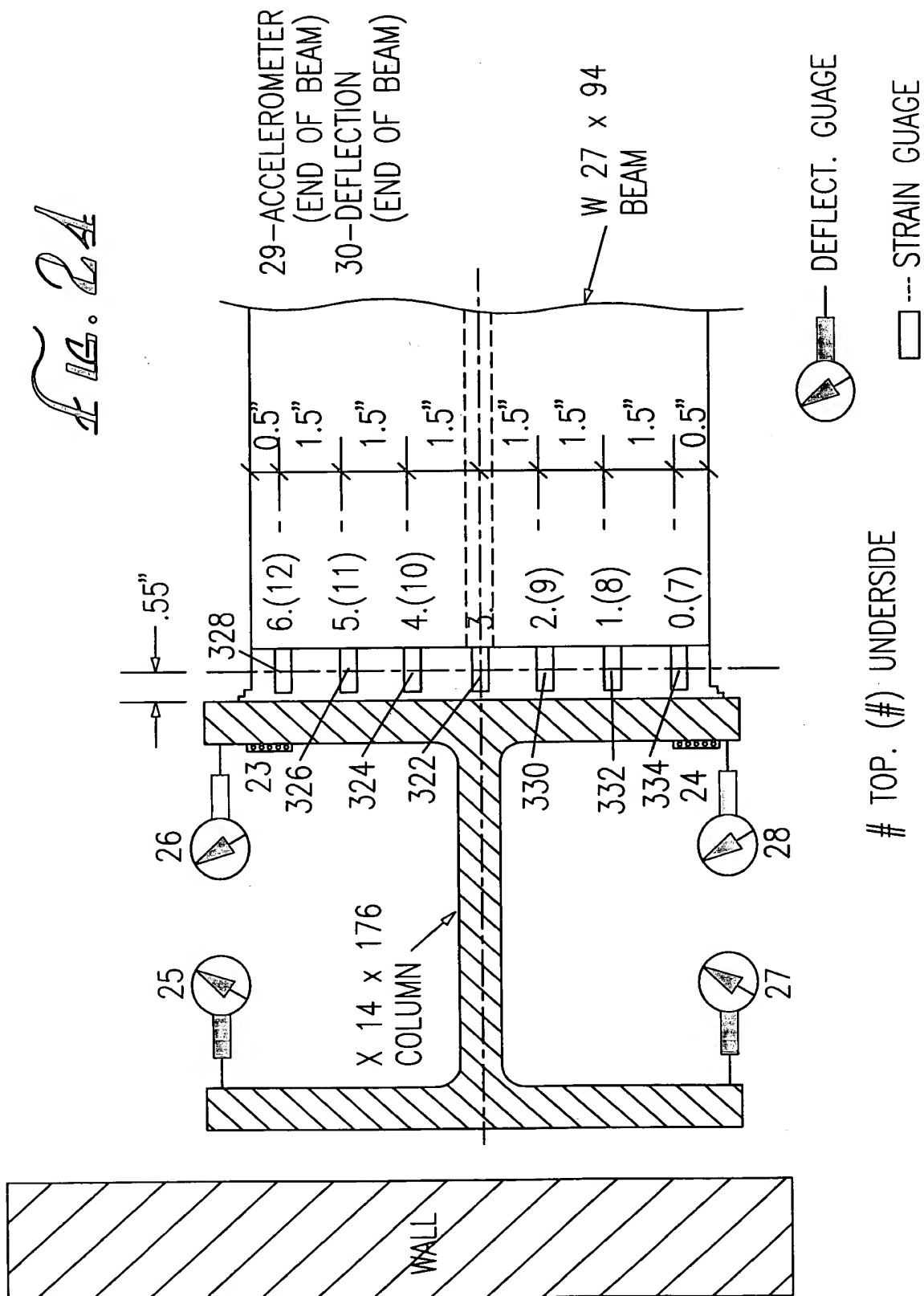
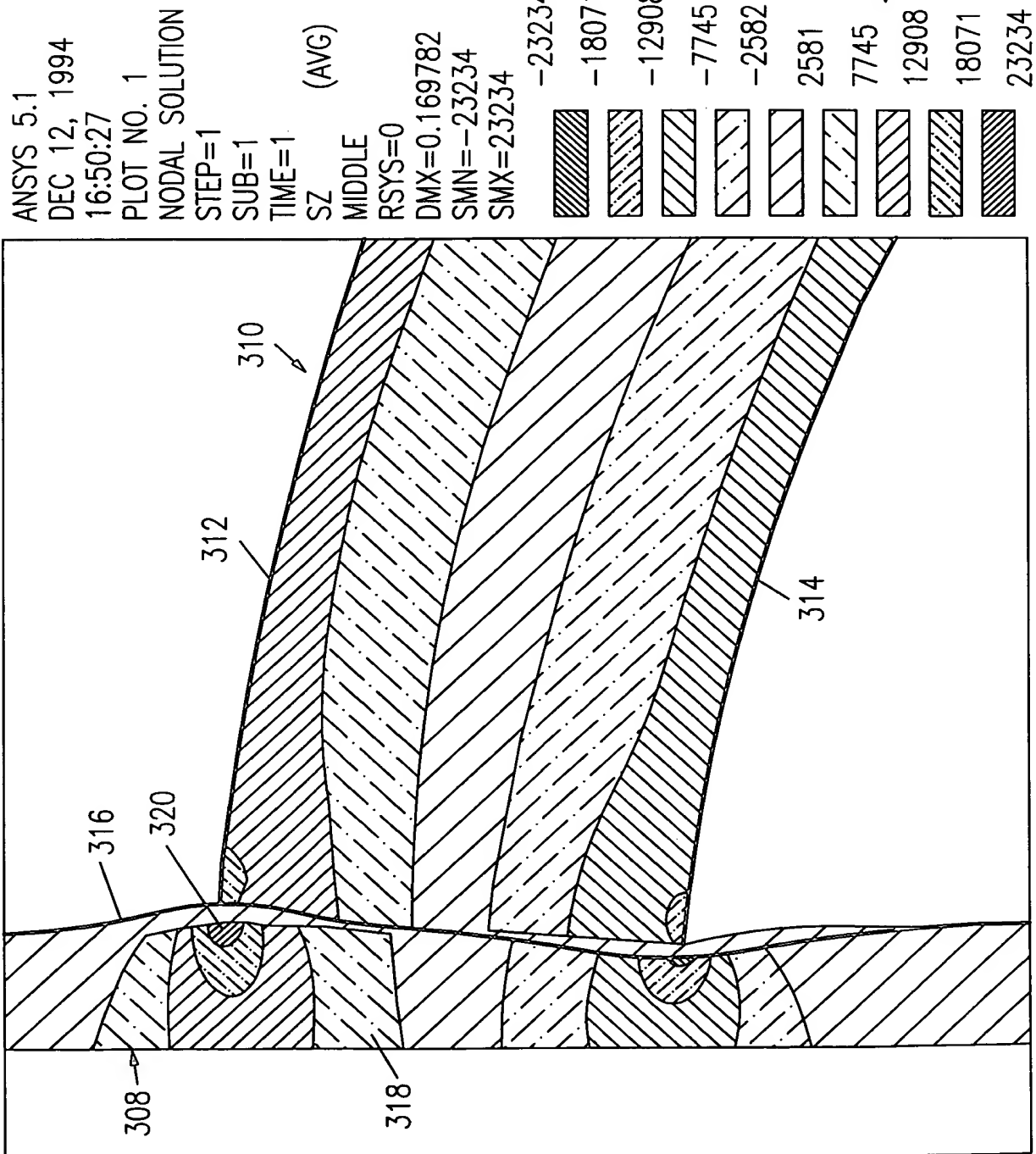


Fig. 23

FO2050" 94424860



102050" 94424860

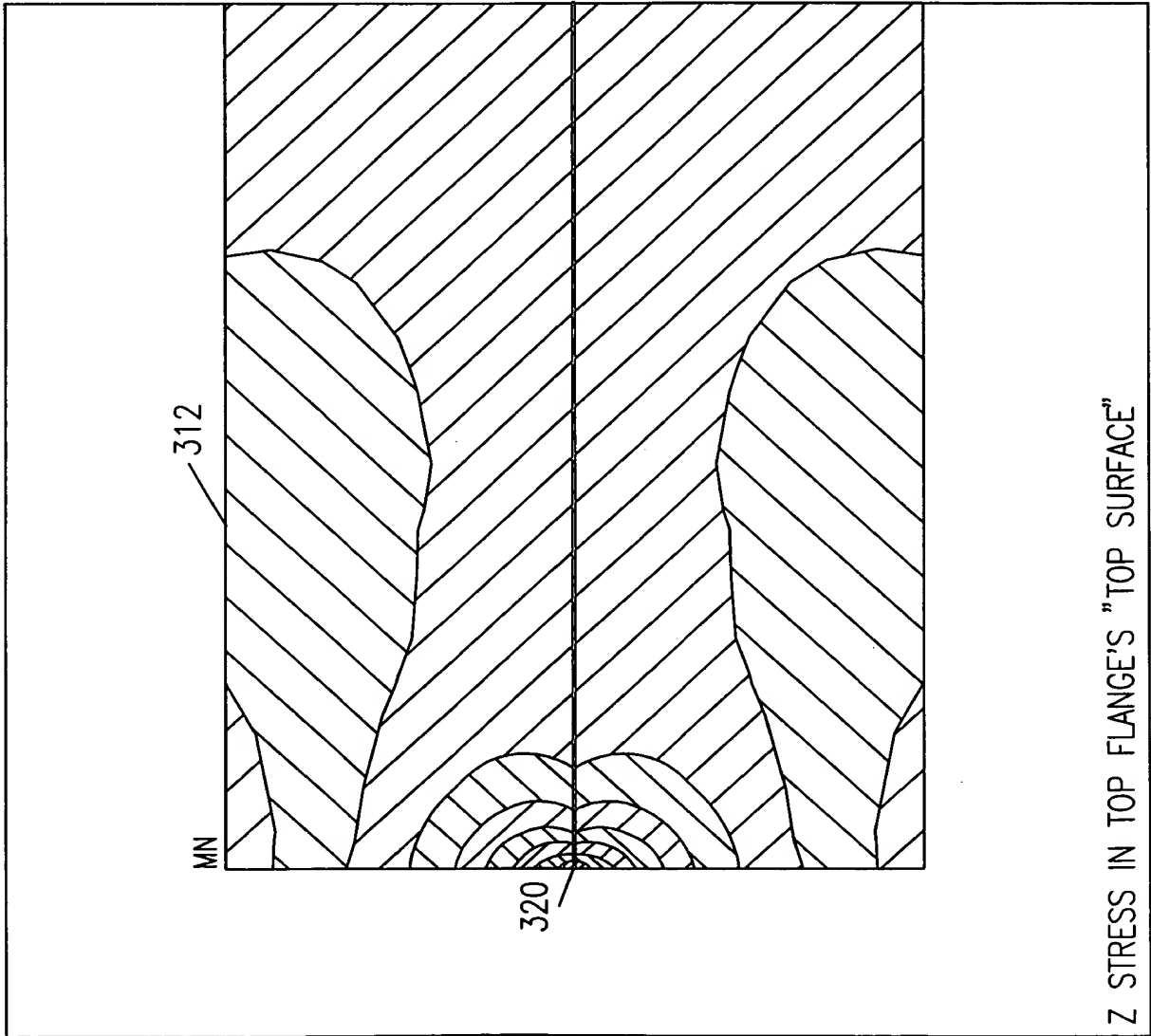


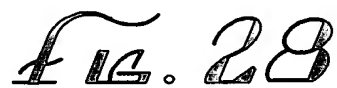
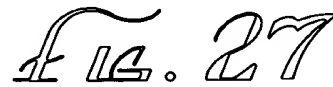
102050" 94424860

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Fig. 20

ANSYS 5.1
DEC 12 1994
11:12:33
PLOT NO. 1
NODAL SOLUTION
STEP=1
SUB=1
TIME=1
SZ (AVG)
BOTTOM
RSYS=0
DMX=0.169781
SMN=1244
SMNB=735.877
SMX=41405
SMXB=42926
1244
5706
10168
14631
19093
23555
28018
32480
36942
41405





0947445-05007

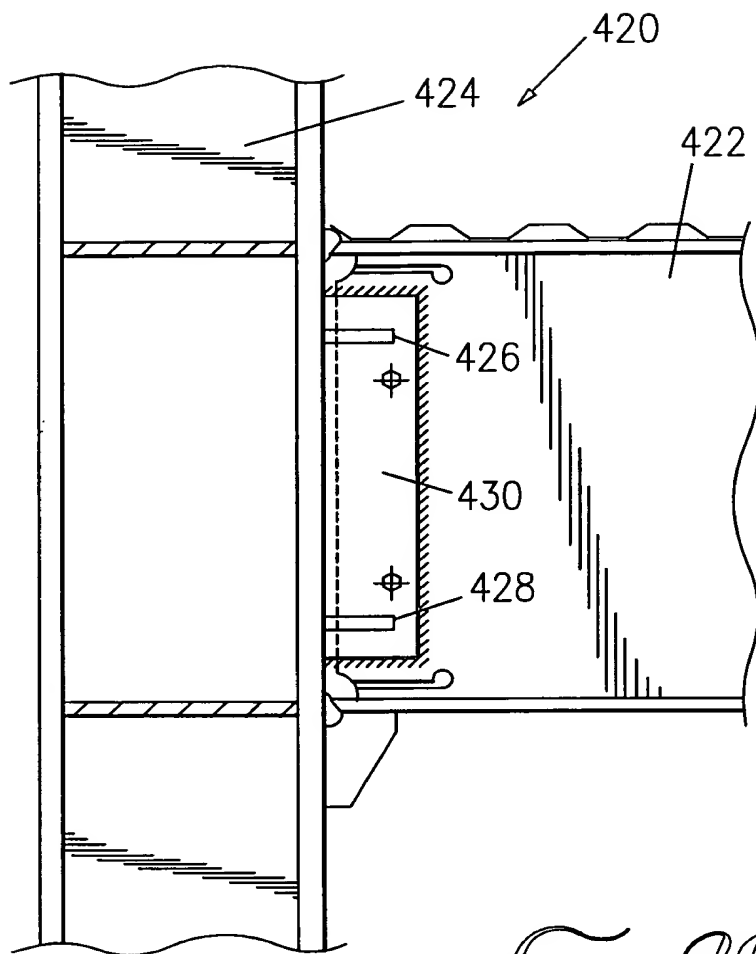


FIG. 29

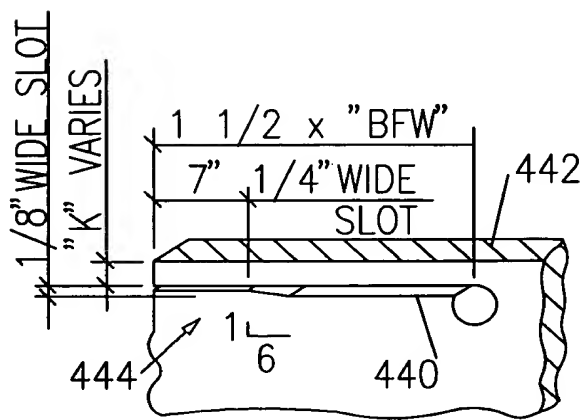


FIG. 31

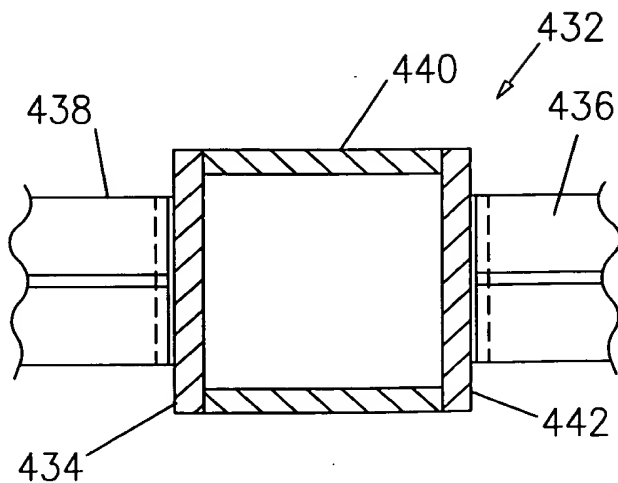
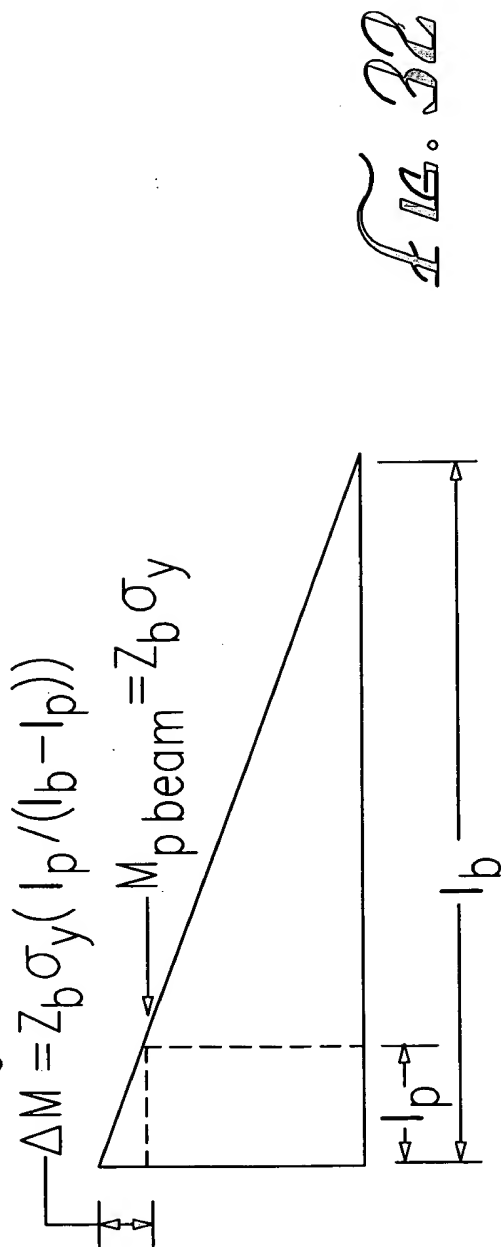
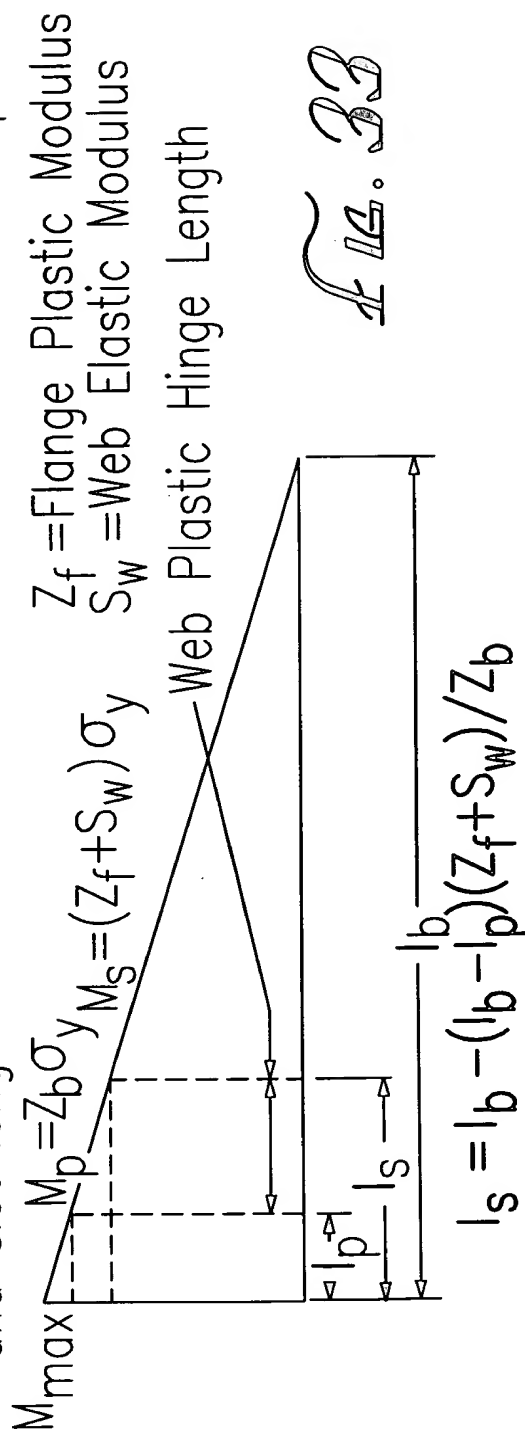


FIG. 30

- Develop required plate strength at the column face using ATC-24 moment diagram



- Use ATC-24 moment diagram to compute the web plastic hinge and slot length measured from end of slot to shear plate.



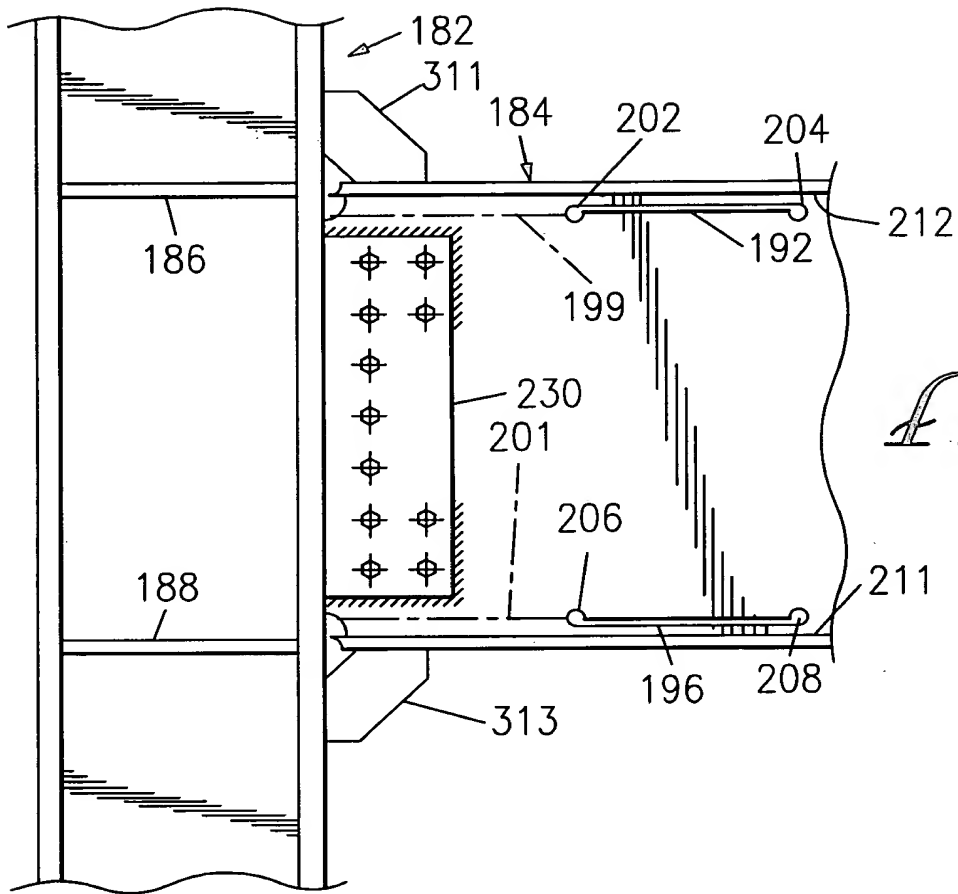


Fig. 34

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